

# PATENT ABSTRACTS OF JAPAN

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(71)Applicant : HITACHI LTD  
HITACHI ENG CO LTD

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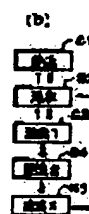
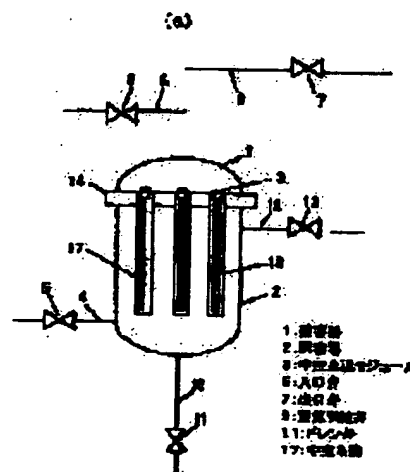
(72)Inventor : NAGAI YOZO  
SHIOZAWA YOSHIHIRO  
IKEDA TORU

## (54) METHOD FOR BACKNESS WASHING OF HOLLOW FIBER MEMBRANE FILTER

### (57)Abstract:

**PROBLEM TO BE SOLVED:** To hold a hollow fiber membrane under steady state when backward washing of a filter is performed.

**SOLUTION:** When backward washing is performed after an inlet valve 5 and an outlet valve 7 are opened and an original water is fed into a trunk container 2 and filtration processing wherein suspended substances included in the original water are removed by means of the hollow fiber membrane 17 is performed, passing the original water through is stopped and an air feeding valve 9 is opened and, after air is introduced into the trunk container 2 to elevate the pressure in the trunk container 2, a drain valve 11 and a vent valve 13 are opened to drain the original water from the drain valve 11 and a backward washing flow (a downward flow) flowing from the inside to the outside of the hollow fiber membrane 17 is generated in the trunk container 2 to perform backward washing of the hollow fiber membrane 17 under the steady state.



(c)

工程	1	2	3	4	5	6
1. 原水	○	○	○	○	○	○
2. 胴容器	○	○	○	○	○	○
3. 中空糸膜	○	○	○	○	○	○
4. 空気供給口	○	○	○	○	○	○
5. 入口弁	○	○	○	○	○	○
6. 出口弁	○	○	○	○	○	○

○: 開閉 - : 閉鎖

## LEGAL STATUS